

## DAILY FIELD ACTIVITY REPORT

**PROJECT NAME:** Pre-Remedial Design Investigation and Baseline Sampling, Portland Harbor Superfund Site

<b>DATE:</b> Friday, June 22, 2018	<b>WEATHER:</b> Partly cloudy, high of ~75 degrees F
<b>Personnel and Visitors Onsite:</b> CDM Smith: Jennifer Jones; AECOM: Mark Tauscher; NRC/vessel operator: Bob Hyke	
<b>Planned Activity:</b> <ul style="list-style-type: none"><li>Second monthly check of acoustic receivers deployed in the river for the fish tracking study.</li></ul>	
<b>Activity Completed:</b> <p>A tailgate safety meeting was led by AECOM. Topics discussed included PPE, planned activities, and weather.</p> <p>Jennifer Jones performed oversight of the second monthly check of acoustic receivers from 07:30 to 14:30 on board a vessel operated by NRC. Specific activities completed by AECOM (Mark Tauscher) are as follows:</p> <ul style="list-style-type: none"><li>All 34 acoustic receivers were checked for operational "health", including battery life, memory, mooring tilt, and temperature.</li><li>Communication with each receiver also enabled collection of data on numbers of detections of the receiver itself, nearby receivers, tagged fish, and reference tags deployed in the river.</li></ul>	
<b>Status of Schedule &amp; Priority Work:</b> <ul style="list-style-type: none"><li>The monthly field check was completed. All receivers (with one exception, as described below), exhibited normal operational status. All were within acceptable range for mooring tilt (generally less than 10 degrees). All had between 65-69 percent battery life remaining.</li><li>One receiver (#30, deployed at RM 11.5 E) may be experiencing an issue as it is giving a "fault" error message and indicating that 100 percent of the memory is used. This is the same issue that occurred during the last check in May 2018, with receiver #24. That receiver was subsequently pulled up and the firmware updated. AECOM will discuss with vendor if this needs to be done for #30. It appears to be collecting data normally, as recent detections were noted. However, it is not known if the data are being stored properly.</li><li>All tagged fish except one (ID 47069) were detected by one or more receiver. In some locations, the fish was detected just prior to checking the receiver, indicating that particular fish was present in the river nearby at the time of the check.</li></ul>	
<b>Issues/Concerns/Resolutions (include work performed that was not planned or anticipated):</b> <p>Mark Tauscher (AECOM) plans to discuss the issue of the memory fault at receiver #30 with the vendor and AECOM staff to determine if it needs to be pulled up and the firmware updated as was done at #24 last month.</p>	
<b>Samples Collected, Measurements Made, Photographs: (List Locations, Matrix &amp; Sample type):</b> <p>Data on each receiver's condition and detections were collected by AECOM throughout the day.</p> <p>Photographs of work were taken throughout the day and provided to EPA via email. Additional photos were taken and archived with a description included in the photolog Excel spreadsheet, which are maintained electronically in the ProjectWise project folder.</p>	
<b>Borings Completed (Include total footage drilled for each boring):</b> <p>None</p>	
<b>Wastes Generated and How Handled:</b> <p>None</p>	
<b>Health and Safety Issues, Equipment Needs, Staffing:</b> <p>None</p>	

**Signature:**      Jennifer Jones  
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**DATE**      June 24, 2018  
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